

|                | Local skill |      |                                       | Spatial mean skill |      |
|----------------|-------------|------|---------------------------------------|--------------------|------|
| SNR            | $r$         | RMSE | $\overline{\text{CRPS}}_{\text{pot}}$ | $r$                | RMSE |
| $\beta = 0.55$ |             |      |                                       |                    |      |
| $\infty$       | 0.60        | 0.89 | 0.36                                  | 0.95               | 0.18 |
| 3              | 0.52        | 0.97 | 0.39                                  | 0.87               | 0.28 |
| 1              | 0.42        | 1.05 | 0.43                                  | 0.76               | 0.38 |
| 0.3            | 0.29        | 1.16 | 0.48                                  | 0.56               | 0.51 |
| $\beta = 0.75$ |             |      |                                       |                    |      |
| $\infty$       | 0.60        | 0.89 | 0.36                                  | 0.95               | 0.18 |
| 3              | 0.52        | 0.96 | 0.39                                  | 0.87               | 0.28 |
| 1              | 0.45        | 1.03 | 0.42                                  | 0.78               | 0.37 |
| 0.3            | 0.33        | 1.14 | 0.47                                  | 0.60               | 0.50 |
| $\beta = 0.95$ |             |      |                                       |                    |      |
| $\infty$       | 0.61        | 0.88 | 0.35                                  | 0.94               | 0.18 |
| 3              | 0.53        | 0.95 | 0.39                                  | 0.88               | 0.28 |
| 1              | 0.48        | 1.01 | 0.41                                  | 0.79               | 0.36 |
| 0.3            | 0.38        | 1.10 | 0.45                                  | 0.66               | 0.46 |